Training - Overview of CO2 Economics

ECO2-EN-P

Face-to-face only

2 days

As the energy transition accelerates, businesses must adapt to increasingly stringent requirements for reducing carbon emissions—often at a significant cost. This training aims to provide a comprehensive overview of the economic aspects related to CO_2. Participants will gain a deeper understanding of the role of carbon pricing, carbon finance, and government policy in shaping decarbonization strategies, as well as the impact of Carbon Capture, Utilization, and Storage (CCUS) in this evolving landscape

Level

Knowledge

Public

Professionals seeking to broaden their understanding of CO_2 economics and its implications for business and policy

Objectives

Attendees will be able to implement the following skills:

- Explain the carbon pricing mechanisms, their effectiveness in reducing emissions, and key examples of implementation worldwide.
- Assess the cost of carbon abatement associated with Carbon Capture, Utilization, and Storage (CCUS).
- Analyze the influence of regulatory and policy frameworks on carbon pricing, carbon finance, and the deployment of CCUS technologies.

Pedagogical & technical resources

- Quizzes.
- Case Studies.
- Exercises.
- Group discussions.

Assessment of achievements

- Trainees are assessed throughout the training through practical application phases and interactions with the trainer
- A final on-the-spot evaluation may also be carried out at the end of the course and/or at the end of each module using tests designed to verify the learners' understanding and assimilation of the knowledge linked to the training objectives

Prerequisites

Basic understanding of economics and working proficiency in Microsoft Excel.

Responsable

IFP Training instructors, with expertise in the field and trained in modern teaching methods adapted to the specific needs of learners from the professional world

Program

INTRODUCTION — 0.25 day

Carbon emissions and their impact on the environment.
The Paris Agreement and the energy transition.

CARBON PRICING — 0.5 day

Carbon pricing mechanisms: carbon taxes vs. cap-and-trade systems.
Examination of different implementations worldwide, including EU ETS.
Evolution of carbon markets.
Carbon leakage and the Carbon Boarder Adjustment Mechanism (CBAM).
Carbon credits/offsets.
Article 6 of the Paris Agreement.
Group discussion.

CARBON ABATEMENT OPTIONS — 0.75 day

The cost of carbon abatement.
The economics of Carbon, Capture, Utilization and Storage (CCUS).

- CCUS value chain: examining the cost and feasibility of each part of the value chain.
- CCUS business models.
- CCUS projects and development outlook.

Case study and practical exercise.

CARBON FINANCE — 0.25 day

The role of financial institutions in reducing carbon emissions.
Green bonds and green loans.
The role of carbon accounting in financial reporting and strategic decision making.
Case study and practical exercise.

REGULATROY AND POLICY FRAMEWORKS — 0.25 day

Impact on CCUS, carbon pricing mechanisms and carbon finance.
Incentives and penalties.
Review of different approaches taken around the world.

Sessions

Rueil-Malmaison - From 11/17/2026 to 11/18/2026 — **2270 €/HT**

To French entities : IFP Training is referenced to DataDock ; you may contact your OPCO about potential funding.
Please contact our disabled persons referent to check the accessibility of this training program : referent.handicap@ifptraining.com